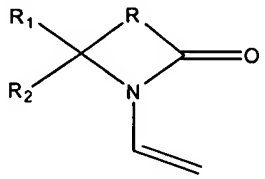
CLAIM AMENDMENTS

Please cancel claims 15-30 without prejudice to filing a divisional application containing the same.

Please amend claims 1 and 2 and add claims 31-34 as follows:

1. (Currently amended) A medical device, comprising a core material and a biocompatible LbL coating non-covalently attached to said core material and having an increased surface hydrophilicity characterized by having an average contact angle of about 80 degrees or less, wherein said biocompatible LbL coating comprises at least one charge/non-charge bilayer, wherein said charge/non-charge bilayer is composed of, in no particular order, one layer of a charged polymeric material and one layer of a non-charged polymeric material which is capable of being non-covalently bond to the charged polymeric material.
2. (Currently amended) A medical device ~~of claim 1~~, comprising a core material and a biocompatible LbL coating non-covalently attached to said core material, wherein said biocompatible LbL coating comprises at least one charge/non-charge bilayer, wherein said charge/non-charge bilayer is composed of, in no particular order, one layer of a charged polymeric material and one layer of a non-charged polymeric material which is capable of being non-covalently bond to the charged polymeric material, wherein said charged polymeric material is a first polyanionic polymer or a mixture of two or more polyanionic polymers, and wherein said non-charged material is a homopolymer of a vinyl lactam of formula (I), a coplymer of at least one vinyl lactam of formula (I) in the presence or in the absence of one or more hydrophilic vinylic comonomers, or mixture thereof



(I)

wherein

R is an alkylene di-radical having from 2 to 8 carbon atoms,

R_1 is hydrogen, C_1-C_{10} alkyl, aryl having up to 10 carbon atoms, aralkyl or alkaryl having up to 14 carbon atoms, and

R_2 is hydrogen or C_1-C_{10} alkyl.

3. (Original) A medical device of claim 2, wherein said medical device is an ophthalmic

device.

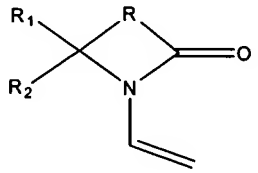
4. (Original) A medical device of claim 3, wherein said ophthalmic device is a contact lens.
5. (Original) A medical device of claim 3, wherein R is a C_2-C_4 alkylene di-radical, and wherein R_1 and R_2 are each independently of the other hydrogen or C_1-C_7 alkyl.
6. (Original) A medical device of claim 3, wherein said non-charged material is a homopolymer of N-vinyl-2-pyrrolidone, N-vinyl-2-piperidone, N-vinyl-2-caprolactam, N-vinyl-3-methyl-2-pyrrolidone, N-vinyl-3-methyl-2-piperidone, N-vinyl-3-methyl-2-caprolactam, N-vinyl-4-methyl-2-pyrrolidone, N-vinyl-4-methyl-2-caprolactam, N-vinyl-5-methyl-2-pyrrolidone, N-vinyl-5-methyl-2-piperidone, N-vinyl-5,5-dimethyl-2-pyrrolidone, N-vinyl-3,3,5-trimethyl-2-pyrrolidone, N-vinyl-5-methyl-5-ethyl-2-pyrrolidone, N-vinyl-3,4,5-trimethyl-3-ethyl-2-pyrrolidone, N-vinyl-6-methyl-2-piperidone, N-vinyl-6-ethyl-2-piperidone, N-vinyl-3,5-dimethyl-2-piperidone, N-vinyl-4,4-dimethyl-2-piperidone, N-vinyl-7-methyl-2-caprolactam, N-vinyl-7-ethyl-2-caprolactam, N-vinyl-3,5-dimethyl-2-caprolactam, N-vinyl-4,6-dimethyl-2-caprolactam or N-vinyl-3,5,7-trimethyl-2-caprolactam.
7. (Original) A medical device of claim 6, wherein said non-charged material is a copolymer of two or more of N-vinyl-2-pyrrolidone, N-vinyl-2-piperidone, N-vinyl-2-caprolactam, N-vinyl-3-methyl-2-pyrrolidone, N-vinyl-3-methyl-2-piperidone, N-vinyl-3-methyl-2-caprolactam, N-vinyl-4-methyl-2-pyrrolidone, N-vinyl-4-methyl-2-caprolactam, N-vinyl-5-methyl-2-pyrrolidone, N-vinyl-5-methyl-2-piperidone, N-vinyl-5,5-dimethyl-2-pyrrolidone, N-vinyl-3,3,5-trimethyl-2-pyrrolidone, N-vinyl-5-methyl-5-ethyl-2-pyrrolidone, N-vinyl-3,4,5-trimethyl-3-ethyl-2-pyrrolidone, N-vinyl-6-methyl-2-piperidone, N-vinyl-6-ethyl-2-piperidone, N-vinyl-3,5-dimethyl-2-piperidone, N-vinyl-4,4-dimethyl-2-piperidone, N-vinyl-7-methyl-2-caprolactam, N-vinyl-7-ethyl-2-caprolactam, N-vinyl-3,5-dimethyl-2-caprolactam, N-vinyl-4,6-dimethyl-2-caprolactam and N-vinyl-3,5,7-trimethyl-2-caprolactam.
8. (Original) A medical device of claim 3, wherein said first polyanionic polymer is a copolymerization product of acrylic acid, methacrylic acid, or mixture thereof with acrylamide, N,N-dimethyl acrylamide, N-vinyl-2-pyrrolidone, N-vinyl-2-piperidone, N-vinyl-2-caprolactam, N-vinyl-3-methyl-2-pyrrolidone, N-vinyl-3-methyl-2-piperidone, N-vinyl-3-methyl-2-caprolactam, N-vinyl-4-methyl-2-pyrrolidone, N-vinyl-4-methyl-2-caprolactam, N-vinyl-5-methyl-2-pyrrolidone, N-vinyl-5-methyl-2-piperidone, N-vinyl-5,5-dimethyl-2-pyrrolidone, N-vinyl-3,3,5-trimethyl-2-pyrrolidone, N-vinyl-5-methyl-5-ethyl-2-pyrrolidone, N-vinyl-3,4,5-trimethyl-3-ethyl-2-pyrrolidone, N-vinyl-6-methyl-2-piperidone, N-vinyl-6-ethyl-2-piperidone, N-vinyl-3,5-dimethyl-2-piperidone, N-vinyl-4,4-dimethyl-2-piperidone, N-vinyl-7-methyl-2-caprolactam, N-vinyl-7-ethyl-2-caprolactam, N-vinyl-3,5-dimethyl-2-caprolactam, N-vinyl-4,6-dimethyl-2-caprolactam, N-vinyl-3,5,7-trimethyl-2-

caprolactam, or mixtures thereof.

9. (Original) A medical device of claim 3, wherein said biocompatible LbL coating further comprises at least one layer of a polycationic polymer or of a mixtures of polycationic polymers.
10. (Original) A medical device of claim 3, wherein said biocompatible LbL coating comprises 2 to 20 charge/non-charge bilayers.
11. (Original) A medical device of claim 10, wherein said biocompatible LbL coating comprises 4 to 10 charge/non-charge bilayers.
12. (Original) A medical device of claim 3, wherein said biocompatible LbL coating further comprises at least one layer of second polyanionic polymer.
13. (Original) A contact lens of claim 4, wherein said core material is a hydrogel.
14. (Original) A contact lens of claim 13, wherein said hydrogel is a siloxane-containing polymer.

15-30. (Canceled)

31. (New) A contact lens, comprising a core material and a biocompatible LbL coating non-covalently attached to said core material and having a surface hydrophilicity characterized by having an average contact angle of about 80 degrees or less, wherein said core material is a silicon-containing hydrogel, wherein said biocompatible LbL coating comprises at least one charge/non-charge bilayer, wherein said charge/non-charge bilayer is composed of, in no particular order, one layer of a charged polymeric material and one layer of a non-charged polymeric material which is capable of being non-covalently bond to the charged polymeric material.
32. (New) The contact lens of claim 31, wherein the surface hydrophilicity is characterized by an average contact angle of about 59 degrees or less.
33. (New) The contact lens of claim 31, wherein the contact lens has a lubricity characterized by an average CoF of about 3.5 or less.
34. (New) The contact lens of claim 31, wherein said charged polymeric material is a first polyanionic polymer or a mixture of two or more polyanionic polymers, and wherein said non-charged material is a homopolymer of a vinyl lactam of formula (I), a coplymer of at least one vinyl lactam of formula (I) in the presence or in the absence of one or more hydrophilic vinylic comonomers, or mixture thereof



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